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PATENT

IN THE US PATENT AND TRADEMARK OFFICE

Applicant: Douglas Hadfield

Examiner: Sara Sachie Clarke

Serial No: 10/680,834

Art Unite: 3749

Filed: 10/07/2003

Docket No. P385

For: FIREPLACE AND FIREBACK THEREFOR

October 1, 2004

Commissioner for Patents
P O Box 1450
Alexandria, VA 22313-1450

AMENDMENT "A"

In response to Office Action dated 07/06/2004, please amend the application as follows:

SPECIFICATION

Please amend the specification as shown in Enclosures (A) by deleting the portions shown in double brackets [[]] and adding the underlined portions.

CLAIMS

Please amend the claims as shown in Enclosure (B) by deleting the portions shown in double brackets [[]] or by strike through and adding the underlined portions.

ABSTRACT

Please amend the Abstract as shown in Enclosure (C) by deleting the portions shown in double brackets [[]] and adding the underlined portions.

REMARKS

The drawings, specification, and claims have been amended to correct certain informalities pointed out by the Examiner.

In addition, the Claims have been amended to define a refractory fireback having wall with an inner surfaces which form a generally frustoconical shape or alternatively a pyramidal shape and which slope inwardly from a larger area at the level of the fire bed to a smaller area adjacent the throat. Such a shaped refractory fireback has improved heat radiation properties.